

Guyson International Euroblast 10SF System Blast Cabinet with ATEX Cartridge Extraction



Stock No	SF1101
Manufacturer	Guyson International
Model	Euroblast 10SF System
Condition	From a working environment, Good Condition, Current Model
Work Envelope (WxDxH mm)	1480 x 1480 x 1145mm
Work Handling Method	Rotary Table Manual Load
Other Info	1.2M Diameter Manual Rotary Table
Location	Arriving in our warehouse soon
Weight (kgs)	434
External Dimensions (WxDxH mm)	1650 x 1550 x 2120mm

Description

A second hand popular Guyson Model, the Euroblast 10SF suction venturi feed blast cabinet has a universal appeal for all those medium/larger sized engineering blast and cleaning jobs.

- This shot blasting equipment offers a faster alternative to labour intensive operations such as hand deburring, scraping and wire brushing, chemical cleaning, acid etching or dipping, liquid honing, knife trimming, sanding, grinding and many others.

Typical uses of the suction feed system include

Cleaning without Dimensional Change

- Using dryblast techniques pioneered by Guyson, even complicated shapes and sensitive materials can be efficiently cleaned without substrate erosion or dimensional change. Ideal for the precision cleaning of moulds, dies and tools without damage to delicate surfaces.

Cosmetic Finishing

- Increasingly, cosmetic finishes can be the competitive edge that makes your product more attractive to the consumer. Whether you are addressing minor surface imperfections,

Deburring

- Blast finishing can speedily remove lightly attached burrs from complex machined components and can be more effective than hand or machine deburring in areas with poor accessibility. Non-abrasive deburring media leave even fragile materials untouched.

Deflashing

- Beadblasting can be used to rapidly and thoroughly deflash resin-moulded or die-cast components. Brittle flash can be cleanly removed from intricate components without altering adjacent surfaces by precise selective impact treatment.

Descaling

- Use bead or grit blasting to quickly remove heat scale, surface discoloration, oxides, rust, weld scale or corrosion. Restore a component's looks and remove surface problems that interfere with painting, plating, coating, drawing and other processes.

Maintenance Clean, Re-manufacture, Refurbish

- Guyson blast cabinets are successfully used in maintenance workshops, repair shops, service centres, garages and military depots on a varied component mix. They can eliminate laborious hand work, chemical cleaning and environmental issues from the workshop, and they are ideal for automotive core re-manufacture operations and refurbishing cutting tools, TCT and diamond tipped routers, saw blades, drills etc.

Surface Etching

- Improved surface preparation or 'keying' of component surfaces can be achieved using Guyson blast equipment. Fine media blasting in one of our blast systems delivers very real improvements in adhesion for performance critical components such as medical implants when they are etched prior to ceramic or PVD/CVD coating.

Features Include:

- Twin gauntlets
- Air pressure regulator
- Fixed gun holster
- Front viewing window
- Internal lighting
- Dust control system

Technical Description

- Euroblast cabinet model 10
- Overall dimensions: 1500mm x 1500mm x 2125mm
- Blast chamber dimensions: 1480mm x 1480mm x 1145mm
- Turntable diameter: Ø1200mm
- Maximum floor load (evenly distributed): 750kg
- Maximum turntable load (evenly distributed): 500kg
- Average noise levels at 1 Metre with dust collector with dust collector and cyclone: <80dB(A)
- Floor height: 845mm
- Armhole height: 1075mm
- Maximum air pressure: 90 psi / 6 bar
- Maximum air supply: 77.4 m³/hr or 42 CFM
- Cabinet lighting
- Electric supply: Single phase, 230 V, 50 Hz
- LED link light: 7W
- Fuse rating: 2 Amp
- Operator protection required - hand and lower arm by gloves or gauntlets (supplied)

C400/3 ATEX Dust collector

- 2015
- Serial: 804691
- Weight: 167kg
- Inlet diameter: 150mm
- Extraction outlet: Open exhaust
- Maximum inlet static pressure: 165mm Wg
- Maximum inlet static pressure: 1620 Pa
- Measured airflow (with open inlet/outlet): 11m³/min
- Adjustable airflow
- Number of primary filters: 1
- Type of primary filter: cartridge filter (polyester element)
- Filtration area: 10 m² // 97 ft²
- Air flow rating (with a filter velocity of 1.5 m/min): 900 m³/hr // 530 CFM
- Filter cleaning system: Manual Pulse Air Cleaning System
- Air consumption: 7 litres per pulse
- Maximum compressed air supply pressure: 50 psi 3.5 bar
- ATEX Up-Scoop explosion relief.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.